



S/N 09/734,281

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MERCKEN ET AL. Examiner: P. DUFFY
Serial No.: 09/734,281 Group Art Unit: 1645
Filed: DECEMBER 11, 2000 Docket No.: 12546.4USC1
Title: MONOCLONAL ANTIBODIES DIRECTED AGAINST THE
MICROTUBULE-ASSOCIATED PROTEIN TAU

PATENT
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CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on December 23, 2002.

By: *Patricia Cygan*
Name: *Patricia Cygan*

AMENDMENT AND RESPONSE

Commissioner For Patents
Washington, DC 20231

Dear Sir:



16/B
Linda
1/14/03

In response to the Office Action mailed June 26, 2002, the following amendments and remarks are submitted.

In the Claims

Please cancel claims 22 and 23 without prejudice.

Please amend claim 20 as follows:

20. (Amended) A monoclonal antibody which forms an immunological complex with a phosphorylated epitope present in a human abnormally phosphorylated tau protein, wherein said tau protein is obtained from a brain homogenate, isolated from the cerebral cortex of a patient having Alzheimer's disease or having died of Alzheimer's disease; further wherein:

- A. said abnormally phosphorylated tau proteins
- present an apparent molecular weight which is higher than that of normal tau proteins, obtained from brain homogenates isolated from a patient having died of nonneurological disorders; and

Sub
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BT